

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Lou 13-13

SECTION  
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**Patent Application**

Applicant(s): Hui-Ling Lou et al.

Case: 13-13

Serial No.: 09/390,389

Filing Date: September 3, 1999

Title: Multiplier-Free Methods and Apparatus for  
Signal Processing in a Digital Communication System

Group: 2734

Examiner: To Be Assigned

"Express Mail" Label No. **EJ93715290545**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: **October 29, 1999**

Signature: *Judith E. Ryan*

TRANSMITTAL OF MISSING PARTS

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box Missing Parts

Sir:

In response to the Notice to File Missing Parts dated September 23, 1999, Applicants submit herewith the following documents to complete the above-referenced patent application:

- (1) Declaration and Power of Attorney; and
- (2) Assignment with Recordation Form Cover Sheet.

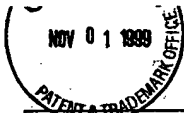
A copy of the Notice is enclosed herewith. Please charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$130, to cover the surcharge under 37 CFR §1.16(e). A duplicate copy of this letter is enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Respectfully submitted,

*Joseph B. Ryan*

Joseph B. Ryan  
Reg. No. 37,922  
Attorney for Applicant(s)

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Date: October 29, 1999  
Ryan & Mason, L.L.P.  
90 Forest Avenue  
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(516) 759-7517



Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/390,389 09/03/99 LOU

H 13-13

0212/0923

NOT ASSIGNED

JOSEPH B RYAN  
RYAN 7 MASON LLP  
90 FOREST AVE  
LOCUST VALLEY NY 11560

DATE MAILED: 2734

NOTICE TO FILE MISSING PARTS OF APPLICATION  
Filing Date Granted

09/23/99

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☒ non-small entity is \$ 130.00

☐ 1. The statutory basic filing fee is:

- ☐ missing.  
☐ insufficient.

Applicant must submit \$ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$ for total claims over 20.

\$ for independent claims over 3.

\$ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

☒ is missing or unsigned.

☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.101(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice **MUST** be returned with the reply.

*Monette Cowan*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

FORM PTO-1533 (REV. 9/98)

PART 2 - COPY TO BE RETURNED WITH RESPONSE

11/03/1999 00000022 122323 01 FC:105 130.00 CH

U.S. GPO: 1998-445-824